

# AURORA SERIES



## FEATURES

- IP69K Waterproof, IK10 Protection
- Patented cylinder design, PC/PMMA housing options & Aluminum board & Stainless steel caps and clips
- Linkable, S316 components
- UL Class P certified flicker free driver
- High Efficacy, 120~160 lumens per watt (+/-5%) With Aluminum Rebreather L80B10 lifespan of >50,000 Hours (@ Ta = 25°C)
- PC material – UV Resistance
- PMMA material – Corrosion Resistance

## DATA SHEET

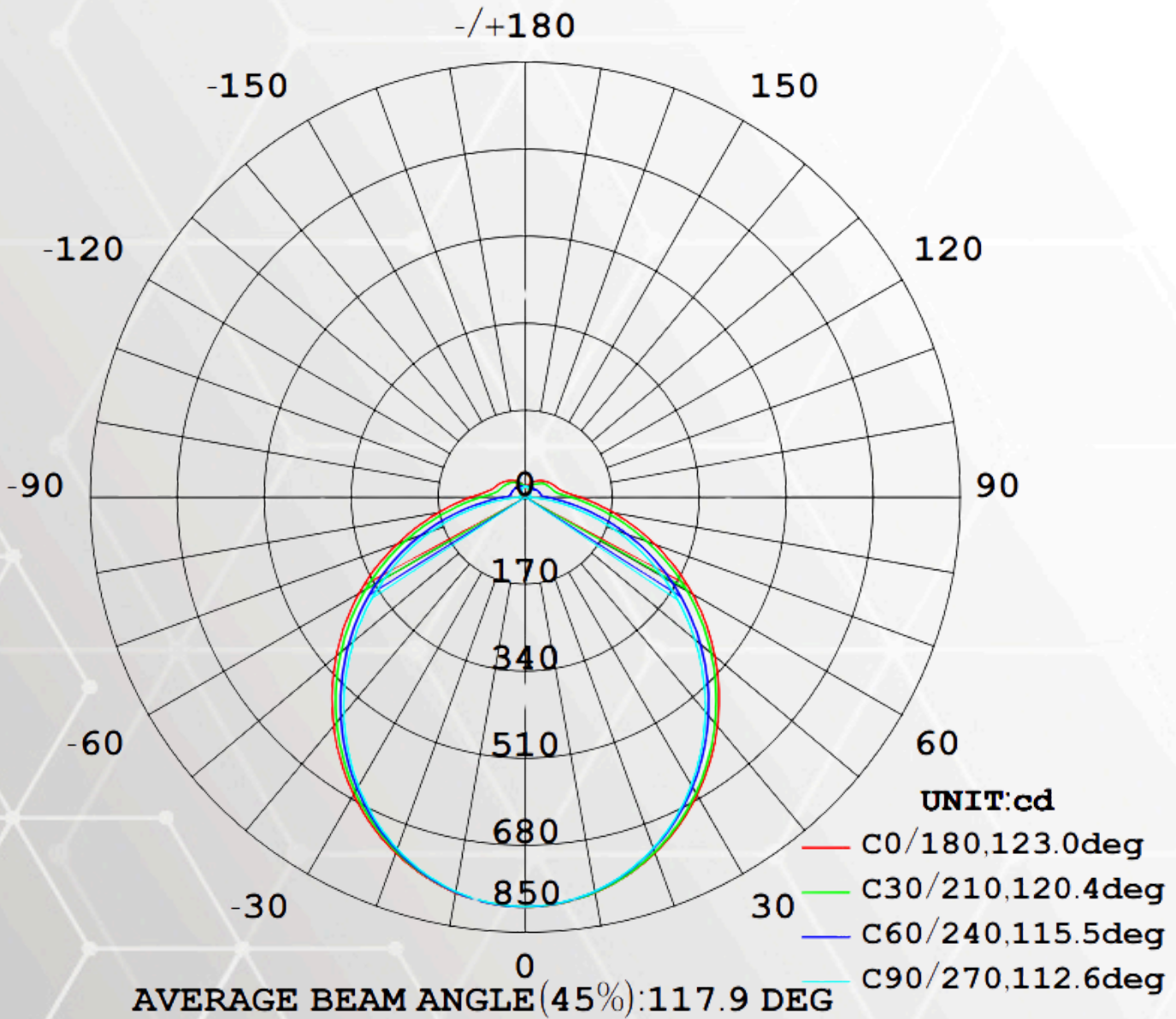
Part number	Power (W)	Lumen	Working current
<b>PC and PMMA Options:</b>			
PX - Aurora	20L	~2500 Lumen	450mA
PX - Aurora	36L	~4500 Lumen	850mA
PX - Aurora	45L	~5700 Lumen	1100mA
<b>PC Option only</b>			
PX - Aurora	30L	~3750 Lumen	700mA
PX - Aurora	50L	~6300 Lumen	1200mA
PX - Aurora	60L	~7500 Lumen	1400mA

Light Source	SMD2835
CRI	>80
Beam Angle	120°
CCT	3000K/4000K/5000K/6000K
AC Input	100-277V 50/60Hz
DC Output	30-40V
Waterproof	IP69K
IK Rate	IK10
Power Factor	>0.95
Warranty	5 Years
Operating Temperature	-20~+40°C (-4~+104°F)

## EFFICACY VERSION

Cover	Standard	High Output
Frosted	120~130lm/w	140~150lm/w
Transparent	130~140lm/w	150~160lm/w

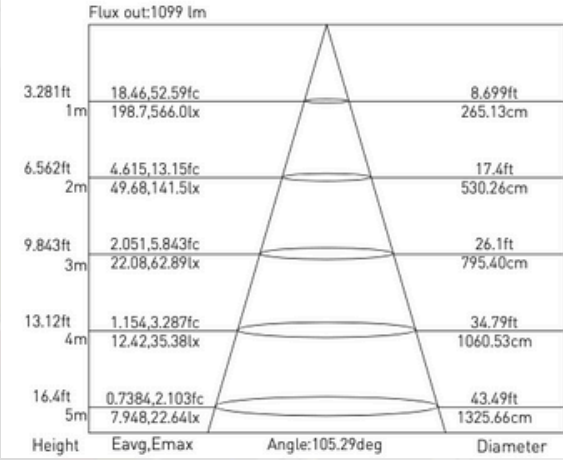
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



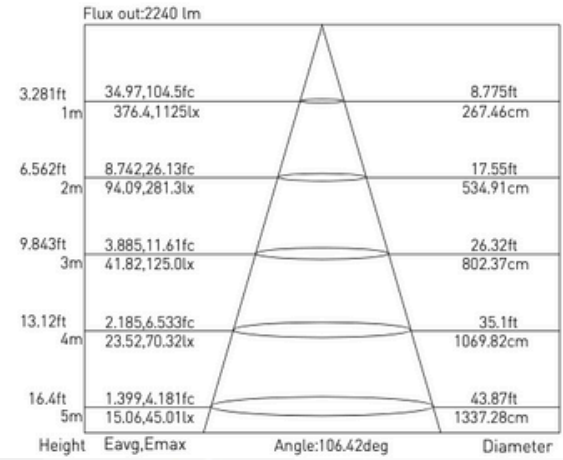
**Please note:**

1. Above efficacy based on 4000K
2. All values are based on an ambient temperature of 25°C
3. Efficacy tolerance is +/-5% and wattage tolerance is +/-5%

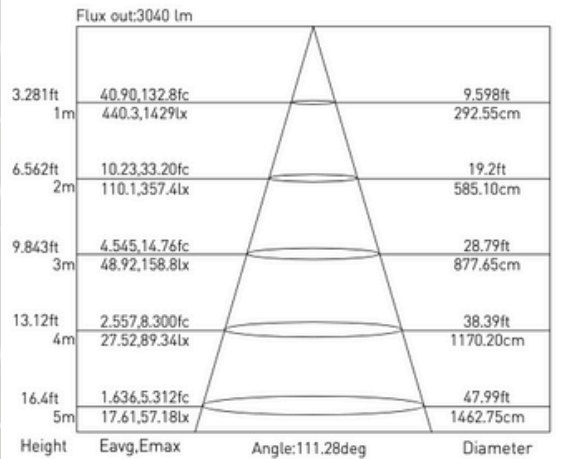
OPTICAL PARAMETER



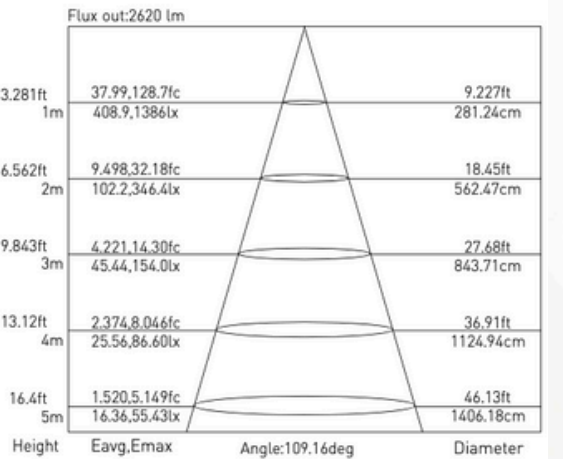
PX - AURORA - 20L



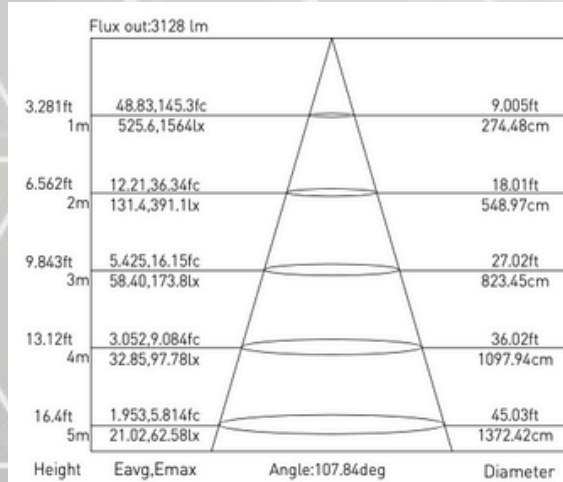
PX - AURORA - 36L



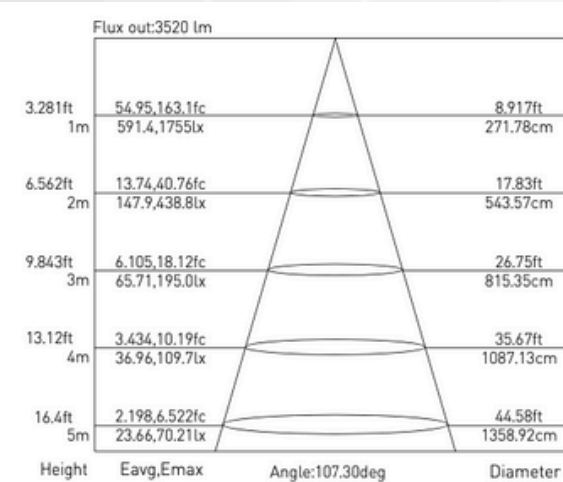
PX - AURORA - 45L



PX - AURORA - 30L



PX - AURORA - 50L

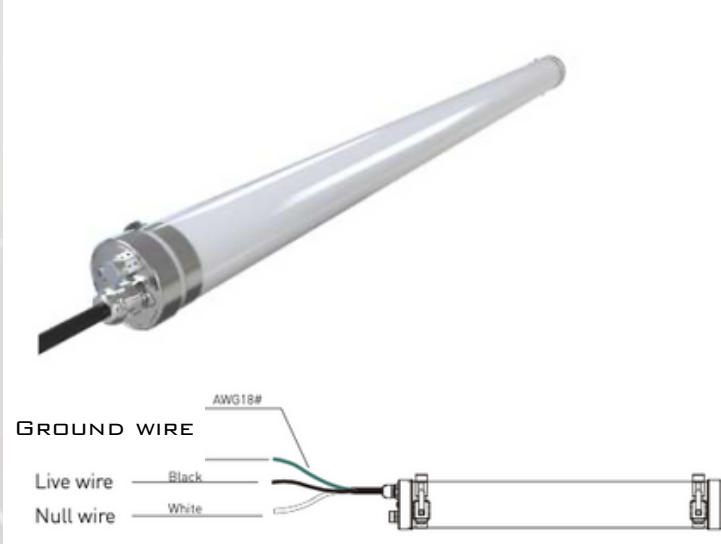


PX - AURORA - 60L

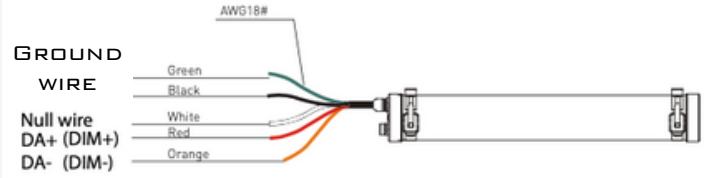


CONNECTION METHODS

1 STANDARD



2 DALI & 0/1-10V DIMMABLE



Available Dimming Methods

Suggested Compatible Dimmers for DALI:

- Tridonic [ European market ]
- Lutron & Leviton [ American market ]
- Philips Dynalite & Clipsal [ Australian market ]

**1K10 CONNECTOR**



Standard

**3-PIN CONNECTOR**



Linking Only

**5-PIN CONNECTOR**



Dimming /Linking

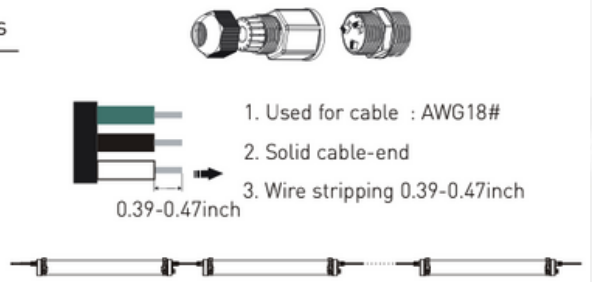
**CONDUIT CONNECTOR**



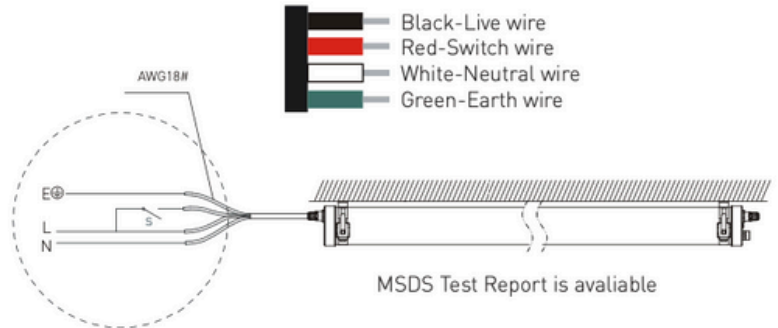
Linking Only

AVAILABLE QUANTITY IN SERIES CONNECTION

Power (W)	Input Voltage (V)	Maximum Quantity Connecting in Series	Input Voltage (V)	Maximum Quantity Connecting in Series
20	110	16pcs	277	41pcs
30	110	11pcs	277	27pcs
36	110	10pcs	277	26pcs
45	110	7pcs	277	18pcs
50	110	6pcs	277	16pcs
60	110	5pcs	277	13pcs



## EMERGENCY SERIES



Emergency Power



Rechargeable



Emergency Time

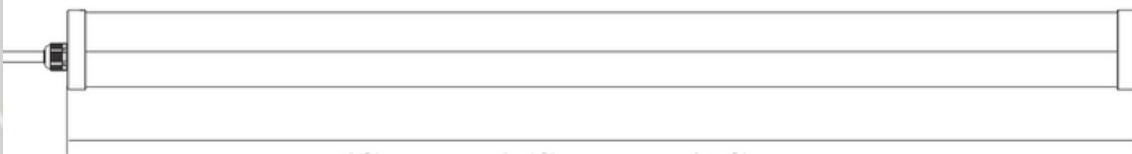


3 Years Guarantee

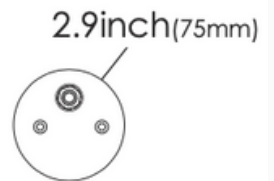
### REMARK:

- 1.- INDICATOR COLOR (GREEN – RECHARGING & WORKING, YELLOW – MALFUNCTION)
- 2.- TO MAINTAIN OPTIMAL BATTERY LIFE THE BATTERY MUST BE DISCHARGED AT LEAST ONCE EVERY 90 DAYS

## DIMENSION

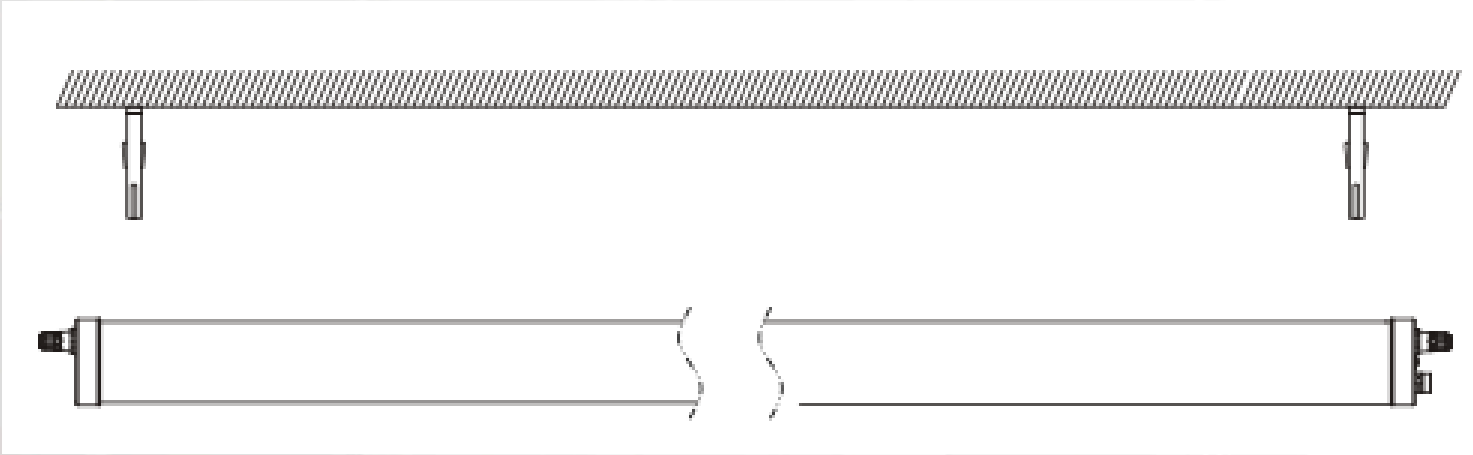


2ft(600mm) / 4ft(1200mm) / 5ft(1500mm)



## INSTALLATION

### 1 CEILING MOUNTED INSTALLATION



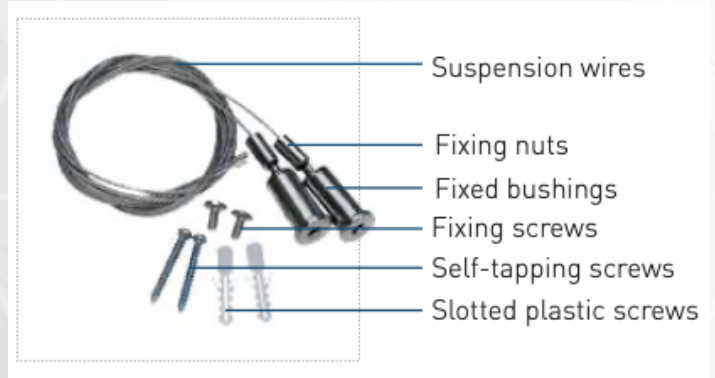
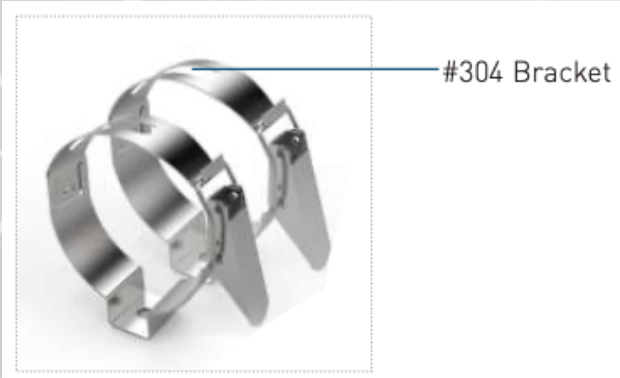
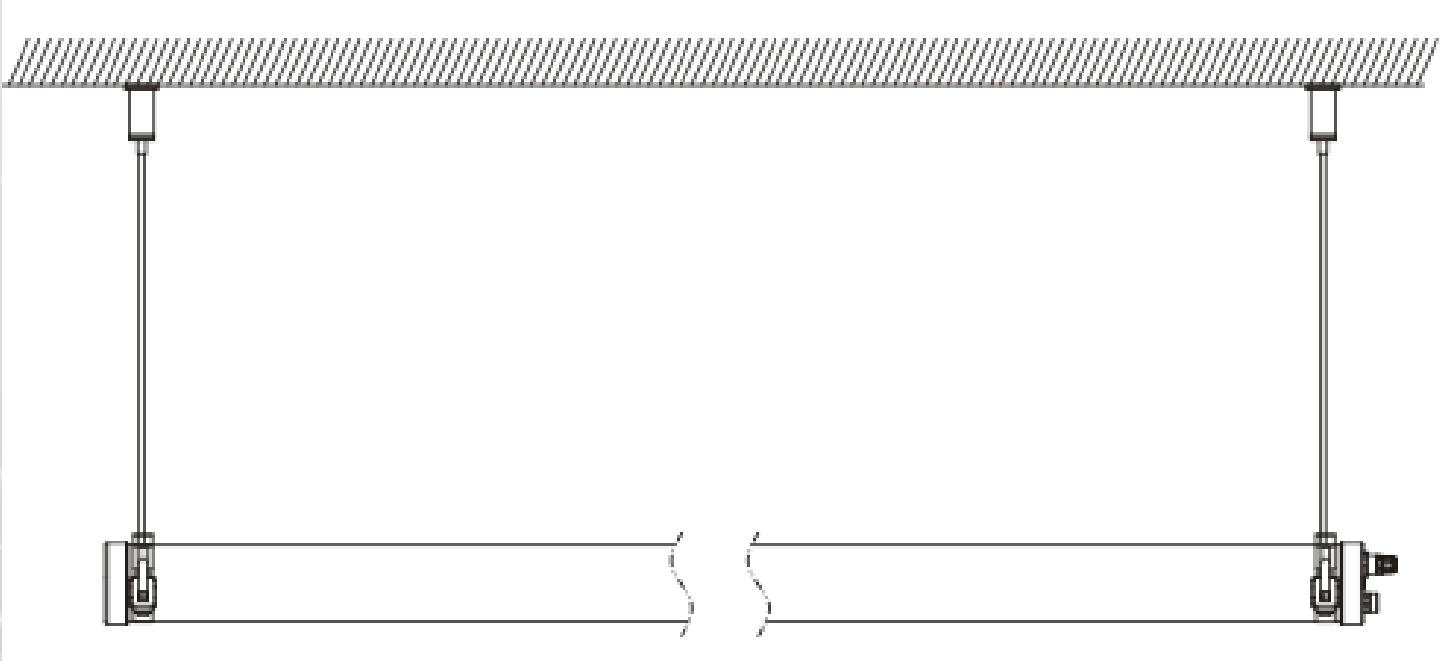
Standard  
#304 Bracket



Rotatable Buckle  
(#316 Stainless steel)

## INSTALLATION

### 2 SUSPENDED INSTALLATION



**\*Suspension accessories sold separately**

Please Note: DO NOT use this product in the following places/application. The application has a large quantity of chemical corrosive substance, such as in a chemical plant and/ or chemical stockyard etc. 2. If the application has unstable temperature conditions; the applicable operating temperature of the lamp is -20~+40. 3. Please note: fixtures must also be properly grounded, failure to do so may cause an electrical hazard and could create irreparable damage to the lamp.



ORDERING CHART

Product	Wattage	Voltage	Beam Pattern	Lens	Color	Bracket	Connector Type	Lens Cover
PX - Aurora	20	(1) 100-277V	(1) 120° Non Dimming	(1) PMMA	(1) 5000K	(1) Standard	(1) Standard IK10	(1) Frosted
PX - Aurora	36	(2) 100- 347V	(2) Dimming	(2) Polycarbonate	(2) 3000/4000K	(2) Stainless Clip	(2) 3 Pin	(2) Transparent
PX - Aurora	45				(3) 6000K	(3) Suspension	(3) 5 Pin for Dimming	
PX - Aurora	30							
PX - Aurora	50 (4')							
PX - Aurora	50 (5')							
PX - Aurora	60							